

Mercurius Anglicanus

OR THE

English Mercury



Being a Compleat

EPHEMERIS

of the Coelestial Motions both Heliocentrical and
Geocentrical, exactly calculated from *Astronomia*
Carolina, for the Year of our Lord, 1690.

Being the second after *Bissextile*, or
LEAP-YEAR.

Directed to the Zenith of the famous City of London,
whose Latitude is $51^{\circ} 32'$, but generally useful
to England, Scotland, and Ireland, &c.

By George Parker, Philomath.

LONDON,

Printed by J. M. for the Company of
STATIONERS, 1690.

TO THE SONS of ART.

Gentlemen,

I Here present you with an Ephemeris, the Calculation whereof is de novo, from the Caroline Tables, which with many others, take to be the best extant; they being harmonious and corresponding to the Heavenly Motions: Is, and excepted, which Mr. Steele readily owns to be too swift in the minute Motions. I therefore have made a Reduction in the said Motions; according to which Reduction, his Motions are set down in the following Ephemeris; which, I presume, are moderately true. I have tried them with several Observations of the famous Tycho Brahe, as also of Bernard Vaker's, and find them correspond very well for Two hundred Years past: you if any Persons desire satisfied, if they please to give themselves the trouble of a Calculation, by any good Tables they have by them, that have been experienced by exact Observations, both antient and modern, and find not the place of γ , here set down, to agree therewith, and would be pleased to communicate the same to me, it shall be very kindly accepted.

The Love I bear to Art, and observing the great Difficulties that must needs attend it for the want of such a work, and seeing none undertake it, I did, at length, by the Importunity of some Friends, begin this small Tract; and have, with much Labour and Pain, at last compleated it; and now I dedicate it to your Service: which if it find your kind Acceptance, it may then perhaps encourage me to go on another Year, and continue it; although I could wish it had been another's part to perform, rather than my own; for I have not much spare time; neither was I fond of appearing in Print.

I have also inserted the Planets Heliocentrick places, and their Aspects Heliocentrick one to another. But perhaps there are some whose sentiments are such, as make no use of them in their

To the SONS of ART

judgments: yet knowing again there be some that do require
for their sake, they are here inserted, that nothing may
wanting to make a complete Sphemeris.
But such is the hard Fate of Artists, that what is ready
they cannot be rewarded for according to the Measure
of their Labour: This made that laborious Artist
Tho. Street, desist, who could not be prevail'd with
to do again. Thus is Urania's Beauty marr'd, and forc'd
to wear black Spots, and not to appear in that Glory and
shin'd as she would do if her legitimate Sons were incourag'd.
But this is not all: there are some who disguise them-
selves with the Title of Urania's Darlings, who are bestow'd
on Customers. Each of us Author of the last twenty Year
Sphemerides, and his quondam Pupil, by inserting a foreword
that into the World for Truth, that nothing can be
a fault that an Artist would scorn to be guilty of.
I have also thought those that have admittance into Urania's
Temple, and are capable of performing what would be to
her Honour. Also, Gentlemen, I depriving you of such things
that would be of advantage in your Service.

And now, Gentlemen, having performed this for your Use,
I have also insert some things that are of less moment, to serve my
Country Friends; and those whose Capacities are such, as reach
farther than to understand a common Almanack; whose occa-
sion leads them to buy one of these Annual Books; and I hope
I have made it as plain and intelligible as any of this Nature;
where their Application may not be lost, nor their duty laid
on for what they understand not. Having thus made it as
useful as possibly I can, I leave it to your favourable Censure,
and subscribe myself,

Yours, and Urania's Servant,

1689.

George Parker.

To the READERS.

I Have been desired to inspect the following Ephemeris, which I find to be much more exactly calculated than any of those I have seen published for this Year, and this I think fit to certify, that the Author may be encouraged to continue this useful Work for several Years to come.

E. Halley.

THere being no Ephemeris to be had here, but the Erroneous one of Argol, and that of the Transcriber, even of his Faults, Mr. Goddard, cannot but acquaint my Astronomical Countrymen, that the Author heretofore has obliged them by his publication of this, and will signally do so, if he continue his Care and Pains: for having calculated carefully from the Caroline Tables, the best as yet in Print; all that have occasion for the Planets place, may infinitely more safely depend on these, than on those that are now published.

October 31. this present Year 1690, there will happen a Notable ~~Mercurial~~ Eclipse; wherein Mercury will appear, like a black Spot in the body of the Sun. If the Air be clear, the later End of it may be seen at London, at 10 of the Clock, soon after Sun-Rising. VVe therefore desire the Curious Astronomers to prepare their Telescopes: But in the East-Indies, and in most parts of Asia, the whole Transic may be observed.

Note, That against the first day of July, in the Column of ☉ Lat. stands B, which make A. of which there passed an erroneous Advertisement in the Explanation of the Almanack.

The Table of Kings and Queens.

Q ^{ueen}	Born.	Began to reign.	reign'd Y. M.	Since they reigned.	Buried at
1	1102	1106 Oct. 14	20	11603 Sep. 9	Can. Nor.
2	1105	1107 Sept. 9	12	11590 Aug. 2	Winch.
3	1106	1100 Aug. 1	35	4555 Dec. 1	Reading
4	1109	1134 Dec. 2	18	11536 Oct. 25	Feverth.
5	1132	1154 Oct. 25	34	9501 July 6	Fountey.
6	1152	1189 July 6	9	9491 Apr. 6	Fountey.
7	1165	1199 Apr. 6	17	7474 Oct. 19	Worce.
8	1207	1216 Oct. 9	56	1416 Nov. 16	Westm.
9	1239	1272 Nov. 16	34	8383 July 7	Westm.
10	1283	1307 July 7	19	7364 Jan. 29	Glocest.
11	1312	1327 Jan. 25	51	5423 Jun. 21	Westm.
12	1366	1377 Jan. 21	22	3291 Sep. 29	Westm.
13	1367	1399 Sep. 29	13	6277 Mar. 20	Canter.
14	1386	1413 Mar. 20	9	5268 Aug. 31	Westm.
15	1421	1422 Aug. 31	38	6230 Mar. 4	Wind.
16	1442	1461 Mar. 4	22	1207 Apr. 9	Winch.
17	1471	1483 Apr. 9	6	2207 Jun. 18	Unkno.
18	1448	1483 Jun. 22	2	2204 Aug. 22	Leicest.
19	1455	1485 Aug. 22	23	10182 Apr. 21	Westm.
20	1491	1509 Apr. 29	37	10143 Jan. 28	Wind.
21	1537	1547 Jan. 28	6	5187 July 6	Westm.
22	1548	1553 July 6	5	4132 Nov. 17	Westm.
23	1553	1558 Nov. 17	14	488 Mar. 27	Westm.
24	1566	1603 Mar. 24	12	071 Mar. 27	Westm.
25	1600	1625 Mar. 27	13	1142 Jan. 30	Wind.
26	1630	1648 Jan. 30	37	06 Feb. 6	Westm.
27	1633	1684 Feb. 6	4	01 Feb. 13	
28	1640				
29	1662	1689 Feb. 13		whom God preserve.	

William and Mary now enjoy the Crown,
 Jesuits and Fryers they are tumbled down:
 With all that high and domineering crew,
 Which did Divisions in our Church brew.

To God therefore with humble Hearts we tender
 All Praise, all Glory, for our Faith's Defender,

The Heliocentrick Places from the first Star of

1690.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Jan.	1	6	13	21	30	41	49	54	55	2	33	41	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Feb.	1	6	13	21	30	41	49	54	55	2	33	41	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Mar.	1	6	13	21	30	41	49	54	55	2	33	41	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Apr.	1	6	13	21	30	41	49	54	55	2	33	41	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
May	1	6	13	21	30	41	49	54	55	2	33	41	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
June	1	6	13	21	30	41	49	54	55	2	33	41	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
July	1	6	13	21	30	41	49	54	55	2	33	41	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Aug.	1	6	13	21	30	41	49	54	55	2	33	41	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Sep.	1	6	13	21	30	41	49	54	55	2	33	41	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Oct.	1	6	13	21	30	41	49	54	55	2	33	41	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Nov.	1	6	13	21	30	41	49	54	55	2	33	41	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Dec.	1	6	13	21	30	41	49	54	55	2	33	41	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63

Heliocentrick

Heliocentrick Aspects for the Year 1690.

Jan. 10 $\square \gamma \odot$. 13 $\odot \gamma$. 19 $\odot \odot$. 21 $\odot \odot$. 21
 Feb. 22 $\Delta \gamma$. 27 $\odot \gamma$. 29 $\ast \gamma \odot$.
 Feb. 5 $\ast \gamma \odot$. 8 $\odot \gamma$. 13 $\odot \gamma$. 19 $\odot \gamma$. 23 \odot
 14 \odot Aph. 27 $\odot \odot$. 30 $\square \gamma \odot$. 21 $\ast \gamma \odot$. 29
 1 \odot . 25 $\odot \odot$.
 March 1 $\odot \gamma$. 4 $\odot \odot$. 8 $\Delta \gamma \odot$. 10 $\Delta \gamma \odot$. 11
 17 \odot . 13 $\odot \gamma$. 18 $\Delta \odot \odot$. 19 $\odot \gamma$. 20 $\odot \gamma$. 22
 Aph.
 Apr. 10 $\square \odot \odot$. 12 $\odot \odot$. 14 $\square \odot$. 15 $\odot \odot$. 18
 20 $\ast \gamma \odot$. 25 $\odot \gamma$. 27 $\odot \gamma$.
 May 1 $\Delta \gamma \odot$. 5 $\ast \odot \odot$. 6 $\odot \odot$. 7 $\odot \gamma$. 10 \odot
 12 $\square \gamma \odot$. 14 $\odot \gamma$. 14 $\odot \odot$. 18 $\square \gamma \odot$. 23 \odot
 26 $\Delta \gamma \odot$. 31 $\odot \gamma$. 1 $\Delta \gamma \odot$.
 June 5 $\square \gamma \odot$. 6 $\odot \gamma$. 8 $\Delta \odot \odot$. 14 $\square \gamma \odot$. 15 \odot
 16 $\odot \gamma$. 18 \odot Aph. 18 \odot Aph. 24 $\odot \odot$. 25 \odot
 July 3 $\ast \gamma \odot$. 9 $\odot \gamma$. 10 $\Delta \odot \odot$. 12 $\ast \gamma \odot$. 13
 23 $\odot \odot$. 26 $\odot \gamma$. 28 $\ast \gamma \odot$. 31 $\square \gamma \odot$.
 Aug. 1 $\odot \odot$. 3 $\odot \odot$. 4 $\odot \gamma$. 8 \odot Per. 10 $\odot \gamma$
 16 $\ast \odot \odot$. 18 $\Delta \gamma \odot$. 24 $\odot \odot$. 25 $\square \odot \odot$. 26
 27 $\odot \gamma$. 27 $\odot \gamma$. 29 $\odot \odot$.
 Sept. 1 $\Delta \gamma \odot$. 7 $\square \gamma \odot$. 10 $\square \odot \odot$. 11 $\odot \gamma$. 12
 14 $\odot \gamma$. 17 $\ast \gamma \odot$. 21 \odot Aph. 26 \odot Aph.
 27 $\ast \gamma \odot$.
 Oct. 1 $\odot \odot$. 2 $\square \gamma \odot$. 8 $\Delta \odot \odot$. 13 $\ast \odot \odot$. 17
 24 $\odot \gamma$. 27 $\Delta \gamma \odot$. 28 $\odot \odot$. 30 $\odot \odot$.
 31 $\odot \odot$.
 Novem. 1 $\odot \odot$. 3 $\odot \gamma$. 4 \odot Per. 5 γ Per. 7 \odot
 24 $\ast \gamma \odot$. 27 $\odot \gamma$.
 Decem. 3 $\odot \odot$. 3 $\odot \gamma$. 8 $\odot \gamma$. 10 $\odot \gamma$. 11 \odot
 17 $\odot \odot$. 17 $\odot \odot$. 18 $\ast \gamma \odot$. 22 \odot Aph. 22 \odot
 27 $\ast \gamma \odot$.

I have set down no more Heliocentrick Aspects of \odot
 than his \odot , and \odot to every Planet.

January

January hath xxxi days.

First Quarter 8 day at 4 in the morn.

Full Moon 14 day after 8 Night.

Last Quarter 22 day at 6 morn.

New Moon 30 day at 8 morn.

1 29
6 29
11 29
16 29
21 29
26 29

Day	Remark. Days	☉ ril.	Lun. Asp. & Weather	Mut. Asp.
1	4 Circumcision.	8	☐ ☿ The Year	
2	5 Day 8 hours.	7	☐ ♄ begins with	
3		7	☐ ♀ very mild,	
4		7	☐ ♄ * ☿ * ♀	
5		7	☐ ♄ * ☉ mode	* ♄ ♀
6	2 Epiphany	7	☐ ♀ rare weather,	* ♄ ♀
7		7	☐ ♀ the Season	
8		7	☐ ☉ * ♄ ♄ ♄	
9		7	☐ ♄ . ☐ ♀ confide	
10		7	☐ ☉ . ☐ ♄ red, at	☐ ♄ ♀
11		7	47 this time. Cloudy	
12	1 p. Epiphany	7	☐ ♄ with some	
13		7	☐ ♄ * ♄ ♄ . ☐ ♄	
14		7	☐ ♄ * ☉ Rain,	
15		7	☐ ♄ . ☐ ♄ or Snow;	
16		7	40 pleasant now, but	
17		7	☐ ♄ . ☐ ♄ * ♄ ♄	* ♄ ♀
18		7	36 quickly follows brisk	
19	2 p. Epiphany	7	☐ ♄ . ☐ ☉ Winds	☐ ☉ ♀
20		7	☐ ♄ . with Snow,	
21	3 D. 9. Hours.	7	☐ ♄ or Rain;	
22		7	☐ ☉ ☐ ♄ ♄ ♄ . ☐ ♄	☐ ♄ ♀
23	5 Term begins.	7	☐ ♄ . and not much	
24		7	☐ ♄ . alteration to	☐ ♄ ♀
25	7 Conv. S. Paul	7	☐ ☉ * ♄ . the End.	
26	3 p. Epiphany	7	☐ ♄	☐ ☉ ♀
27		7	☐ ♄ * ♄	☐ ☉ ♀
28		7	☐ ♄	☐ ♄ ♀
29		7	☐ ♄	☐ ♄ ♀
30	5 K. C. L. marr.	7	☐ ♄ ☐ ♄ ☐ ☉ .	
31		7	☐ ♄ . ☐ ♄	

January, 1690.

The daily Motion of the Planets.

The Latitude of the Planet.	1	2	B 15	1	A	3	1	B 17	0	B 16	0	A 39
	11	2	17	1	1	0	1	22	0	6	1	54
	21	2	19	1	1	2	1	26	0	A 20	5	0

19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	19
21	52	1	38	4A	17	16	19	3	4	5	29	28	1	10	29					
22	53	14	4	3	38	17	3	3	14	5	53	29	16	12	2					
23	54	26	47	2	47	17	7	3	27	6	21	ov	31	13	34					
24	55	9	37	1	47	17	11	3	40	6	47	1	46	13	11					
25	56	22	38	0	39	17	15	3	53	7	14	3	1	16	47					
26	57	4	54	0B	34	17	19	4	5	7	41	4	15	18	21					
27	58	19	22	1	46	17	23	4	18	8	8	5	30	19	27					
28	59	0	30	2	54	17	26	4	31	8	36	6	45	21	33					
29	60	1	17	3	51	17	30	4	44	9	4	8	0	23	1					
30	1	2	11	4	35	17	33	4	57	9	32	9	15	24	4					
31	2	3	16	5	0	17	37	5	11	9	59	18	50	26	28					
32	3	4	0	5	13	17	40	5	24	10	27	11	43	28	7					
33	5	5	15	4	52	17	43	5	38	10	55	13	0	29	46					
34	5	6	0	4	18	17	46	5	51	11	24	14	15	1	20					
35	6	7	10	3	30	17	49	6	5	11	53	15	20	3	7					
36	7	8	29	2	33	17	52	6	18	12	22	16	45	4	50					
37	8	9	10	1	26	17	55	6	34	12	41	18	0	6	33					
38	9	10	26	0	16	17	58	6	45	13	20	19	15	8	16					
39	10	10	9	0A	54	17	58	6	59	13	50	20	30	10	0					
40	11	11	21	1	36	18	0	7	13	14	20	21	44	11	48					
41	12	12	4	3	1	18	3	7	27	14	50	22	58	13	29					
42	13	13	16	3	52	18	4	7	41	15	20	24	13	15	15					
43	14	14	27	4	30	18	8	7	55	15	50	25	29	17	3					
44	15	15	9	4	16	18	10	8	8	16	20	26	44	18	49					
45	16	16	31	5	9	18	13	8	22	16	50	27	59	20	38					
46	17	16	3	5	0	18	16	8	36	17	21	29	15	22	27					
47	18	17	15	5	0	19	19	8	50	17	52	0	24	17	0					
48	19	18	27	4	26	18	21	9	5	19	23	1	45	26	0					
49	20	19	10	3	44	18	23	9	19	18	54	3	0	27	58					
50	21	19	23	6	32	18	25	9	33	19	25	4	15	29	47					
51	22	20	3	7	5	18	27	9	47	19	55	5	29	1	3					

Februar

February hath xxviiij days

162 36

First Quarter 6 day at 1 After.

Full Moon 12 day at 2 before noon.

Last Quarter 21 day near 3 Morn.

New Moon 28 day at 11 Night.

1/23 24
6/23
11/27
16/27
21/27
26/27

WD.	Remark.	Days.	11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27.	Alp. & Weather.	Mut. Alp.
1	Equinox.	1	11	Δ h. * δ	
2	St. Agnes.	2	12	Δ h. * δ	
3	St. Valentine.	3	13	Δ h. * δ	
4	St. Patrick.	4	14	Δ h. * δ	
5	St. George.	5	15	Δ h. * δ	
6	St. Andrew.	6	16	Δ h. * δ	
7	St. John.	7	17	Δ h. * δ	
8	St. Peter.	8	18	Δ h. * δ	
9	St. Paul.	9	19	Δ h. * δ	
10	St. Bartholomew.	10	20	Δ h. * δ	
11	St. Thomas.	11	21	Δ h. * δ	
12	St. James.	12	22	Δ h. * δ	
13	St. Philip.	13	23	Δ h. * δ	
14	St. Nicholas.	14	24	Δ h. * δ	
15	St. Anthony.	15	25	Δ h. * δ	
16	St. Ignace.	16	26	Δ h. * δ	
17	St. Francis.	17	27	Δ h. * δ	
18	St. Rose.	18	28	Δ h. * δ	
19	St. Agatha.	19	29	Δ h. * δ	
20	St. Lucy.	20	30	Δ h. * δ	
21	St. Agatha.	21	31	Δ h. * δ	
22	St. Valentine.	22		Δ h. * δ	
23	St. George.	23		Δ h. * δ	
24	St. Andrew.	24		Δ h. * δ	
25	St. John.	25		Δ h. * δ	
26	St. Peter.	26		Δ h. * δ	
27	St. Paul.	27		Δ h. * δ	
28	St. Bartholomew.	28		Δ h. * δ	
29	St. Thomas.	29		Δ h. * δ	
30	St. James.	30		Δ h. * δ	
31	St. Philip.	31		Δ h. * δ	

February 1690.

The daily Motion of the Planets.

Roman Account

The Latitudes of the Planets.

☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓							
14	23	20	18	16	14	12	10	8	6	4	2	0	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	1
15	24	21	19	17	15	13	11	9	7	5	3	1	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2
16	25	22	20	18	16	14	12	10	8	6	4	2	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3
17	26	23	21	19	17	15	13	11	9	7	5	3	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4
18	27	24	22	20	18	16	14	12	10	8	6	4	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5
19	28	25	23	21	19	17	15	13	11	9	7	5	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6
20	29	26	24	22	20	18	16	14	12	10	8	6	37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7
21	30	27	25	23	21	19	17	15	13	11	9	7	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8
22	31	28	26	24	22	20	18	16	14	12	10	8	39	37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	39	37	35	33	31	29	27	25	23	21	19	17	15	13	11	9
23	32	29	27	25	23	21	19	17	15	13	11	9	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10
24	33	30	28	26	24	22	20	18	16	14	12	10	41	39	37	35	33	31	29	27	25	23	21	19	17	15	13	11	41	39	37	35	33	31	29	27	25	23	21	19	17	15	13	11
25	34	31	29	27	25	23	21	19	17	15	13	11	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12
26	35	32	30	28	26	24	22	20	18	16	14	12	43	41	39	37	35	33	31	29	27	25	23	21	19	17	15	13	43	41	39	37	35	33	31	29	27	25	23	21	19	17	15	13
27	36	33	31	29	27	25	23	21	19	17	15	13	44	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14	44	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14
28	37	34	32	30	28	26	24	22	20	18	16	14	45	43	41	39	37	35	33	31	29	27	25	23	21	19	17	15	45	43	41	39	37	35	33	31	29	27	25	23	21	19	17	
29	38	35	33	31	29	27	25	23	21	19	17	15	46	44	42	40	38	36	34	32	30	28	26	24	22	20	18	16	46	44	42	40	38	36	34	32	30	28	26	24	22	20	18	
30	39	36	34	32	30	28	26	24	22	20	18	16	47	45	43	41	39	37	35	33	31	29	27	25	23	21	19	17	47	45	43	41	39	37	35	33	31	29	27	25	23	21	19	
31	40	37	35	33	31	29	27	25	23	21	19	17	48	46	44	42	40	38	36	34	32	30	28	26	24	22	20	18	48	46	44	42	40	38	36	34	32	30	28	26	24	22	20	
32	41	38	36	34	32	30	28	26	24	22	20	18	49	47	45	43	41	39	37	35	33	31	29	27	25	23	21	19	49	47	45	43	41	39	37	35	33	31	29	27	25	23		
33	42	39	37	35	33	31	29	27	25	23	21	19	50	48	46	44	42	40	38	36	34	32	30	28	26	24	22	20	50	48	46	44	42	40	38	36	34	32	30	28	26	24	22	
34	43	40	38	36	34	32	30	28	26	24	22	20	51	49	47	45	43	41	39	37	35	33	31	29	27	25	23	21	51	49	47	45	43	41	39	37	35	33	31	29	27	25		
35	44	41	39	37	35	33	31	29	27	25	23	21	52	50	48	46	44	42	40	38	36	34	32	30	28	26	24	22	52	50	48	46	44	42	40	38	36	34	32	30	28	26		
36	45	42	40	38	36	34	32	30	28	26	24	22	53	51	49	47	45	43	41	39	37	35	33	31	29	27	25	23	53	51	49	47	45	43	41	39	37	35	33	31	29	27		
37	46	43	41	39	37	35	33	31	29	27	25	23	54	52	50	48	46	44	42	40	38	36	34	32	30	28	26	24	54	52	50	48	46	44	42	40	38	36	34	32	30	28		
38	47	44	42	40	38	36	34	32	30	28	26	24	55	53	51	49	47	45	43	41	39	37	35	33	31	29	27	25	55	53	51	49	47	45	43	41	39	37	35	33	31			
39	48	45	43	41	39	37	35	33	31	29	27	25	56	54	52	50	48	46	44	42	40	38	36	34	32	30	28	26	56	54	52	50	48	46	44	42	40	38	36	34	32	30		
40	49	46	44	42	40	38	36	34	32	30	28	26	57	55	53	51	49	47	45	43	41	39	37	35	33	31	29	27	57	55	53	51	49	47	45	43	41	39	37	35	33			
41	50	47	45	43	41	39	37	35	33	31	29	27	58	56	54	52	50	48	46	44	42	40	38	36	34	32	30	28	58	56	54	52	50	48	46	44	42	40	38	36	34			
42	51	48	46	44	42	40	38	36	34	32	30	28	59	57	55	53	51	49	47	45	43	41	39	37	35	33	31	29	59	57	55	53	51	49	47	45	43	41	39	37	35			
43	52	49	47	45	43	41	39	37	35	33	31	29	60	58	56	54	52	50	48	46	44	42	40	38	36	34	32	30	60	58	56	54	52	50	48	46	44	42	40	38	36	34		
44	53	50	48	46	44	42	40	38	36	34	32	30	61	59	57	55	53	51	49	47	45	43	41	39	37	35	33	31	61	59	57	55	53	51	49	47	45	43	41	39	37			
45	54	51	49	47	45	43	41	39	37	35	33	31	62	60	58	56	54	52	50	48	46	44	42	40	38	36	34	32	62	60	58	56	54	52	50	48	46	44	42	40	38	36		
46	55	52	50	48	46	44	42	40	38	36	34	32	63	61	59	57	55	53	51	49	47	45	43	41	39	37	35	33	63	61	59	57	55	53	51	49	47	45	43	41	39			
47	56	53	51	49	47	45	43	41	39	37	35	33	64	62	60	58	56	54	52	50	48	46	44	42	40	38	36	34	64	62	60	58	56	54	52	50	48	46	44	42	40			
48	57	54	52	50	48	46	44	42	40	38	36	34	65	63	61	59	57	55	53	51	49	47	45	43	41	39	37	65	63	61	59	57	55	53	51	49	47	45	43	41				
49	58	55	53	51	49	47	45	43	41	39	37	35	66	64	62	60	58	56	54	52	50	48	46	44	42	40	38	66	64	62	60	58	56	54	52	50	48	46	44	42				
50	59	56	54	52	50	48	46	44	42	40	38	36	67	65	63	61	59	57	55	53	51	49	47	45	43	41	39	67	65	63	61	59	57	55	53	51	49	47	45	43				
51	60	57	55	53	51	49	47	45	43	41	39	37	68	66	64	62	60	58	56	54	52	50	48	46	44	42	40	68	66	64	62	60	58	56	54	52	50	48	46	44				
52	61	58	56	54	52	50	48	46	44	42	40	38	69	67	65	63	61	59	57	55	53	51	49	47	45	43	41																	

36

I 26 58

626-3

11/26/52

16 26 17

21 25

26 23 19

Remark.	Days.	ri.	sun.	Alp.	& Weather.	Mut. Alp.
E 1. Sun. in Lent	1	17	d	♂	Rain at the	
2 Day 12 hours	2	18	♂	♂	beginning	
3	3	19	♂	♂	hereof, with VVinds	
4	4	20	♂	♂	about this	♂ ⊙ ♀
5	5	21	♂	♂	time	♂ ⊙ ♀
6	6	22	♂	♂	time	♂ ⊙ ♀
7	7	23	♂	♂	time	♂ ⊙ ♀
8	8	24	♂	♂	time	♂ ⊙ ♀
9	9	25	♂	♂	time	♂ ⊙ ♀
10	10	26	♂	♂	time	♂ ⊙ ♀
11	11	27	♂	♂	time	♂ ⊙ ♀
12	12	28	♂	♂	time	♂ ⊙ ♀
13	13	29	♂	♂	time	♂ ⊙ ♀
14	14	30	♂	♂	time	♂ ⊙ ♀
15	15	31	♂	♂	time	♂ ⊙ ♀
16	16	1	♂	♂	time	♂ ⊙ ♀
17	17	2	♂	♂	time	♂ ⊙ ♀
18	18	3	♂	♂	time	♂ ⊙ ♀
19	19	4	♂	♂	time	♂ ⊙ ♀
20	20	5	♂	♂	time	♂ ⊙ ♀
21	21	6	♂	♂	time	♂ ⊙ ♀
22	22	7	♂	♂	time	♂ ⊙ ♀
23	23	8	♂	♂	time	♂ ⊙ ♀
24	24	9	♂	♂	time	♂ ⊙ ♀
25	25	10	♂	♂	time	♂ ⊙ ♀
26	26	11	♂	♂	time	♂ ⊙ ♀
27	27	12	♂	♂	time	♂ ⊙ ♀
28	28	13	♂	♂	time	♂ ⊙ ♀
29	29	14	♂	♂	time	♂ ⊙ ♀
30	30	15	♂	♂	time	♂ ⊙ ♀
31	31	16	♂	♂	time	♂ ⊙ ♀

March, 1690.

The daily Motion of the Planets.

The Latitudes	1	4	B2B	A	B	B34	A	B3	B33
of the Planets.	11	2	30	1	3	34	1	37	35
	34	2	34	1	4	31	1	34	34

	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																				
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
6	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
7	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
11	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
13	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
14	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
17	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82																		

April 1690.

The daily Motion of the Planets.

The Latitudes of the Planets. { T 2 B 22 I A 5 I B 33 I A 11 2 A 14
 11 2 32 1 31 0 55 2 41
 21 2 33 1 8 1 29 0 36 2 36

☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
22	0 20	9	4 8	9 17	14 24	16 23	50 20	5 24	34				
23	59 41	11 49	4	4 31	7 34	19 24	26 21	26 25	34				
23	59 41	11 49	4	4 31	7 34	19 24	26 21	26 25	34				
24	56 53	10 40	5	12 16	14 24	16 23	36 23	48 27					
25	56 53	10 40	5	12 16	14 24	16 23	36 23	48 27					
26	56 53	10 40	5	12 16	14 24	16 23	36 23	48 27					
27	56 53	10 40	5	12 16	14 24	16 23	36 23	48 27					
28	56 53	10 40	5	12 16	14 24	16 23	36 23	48 27					
29	56 53	10 40	5	12 16	14 24	16 23	36 23	48 27					
30	56 53	10 40	5	12 16	14 24	16 23	36 23	48 27					
1	44 8	25	0 10	12 16	14 24	16 23	36 23	48 27					
2	43 8	25	0 10	12 16	14 24	16 23	36 23	48 27					
3	41 3	25	0 10	12 16	14 24	16 23	36 23	48 27					
4	40 3	25	0 10	12 16	14 24	16 23	36 23	48 27					
5	38 28	25	0 10	12 16	14 24	16 23	36 23	48 27					
6	36 10	25	0 10	12 16	14 24	16 23	36 23	48 27					
7	34 21	25	0 10	12 16	14 24	16 23	36 23	48 27					
8	32 21	25	0 10	12 16	14 24	16 23	36 23	48 27					
9	30 15	25	0 10	12 16	14 24	16 23	36 23	48 27					
10	28 25	25	0 10	12 16	14 24	16 23	36 23	48 27					
11	26 25	25	0 10	12 16	14 24	16 23	36 23	48 27					
12	24 25	25	0 10	12 16	14 24	16 23	36 23	48 27					
13	22 25	25	0 10	12 16	14 24	16 23	36 23	48 27					
14	20 25	25	0 10	12 16	14 24	16 23	36 23	48 27					
15	18 25	25	0 10	12 16	14 24	16 23	36 23	48 27					
16	16 14	25	0 10	12 16	14 24	16 23	36 23	48 27					
17	14 29	25	0 10	12 16	14 24	16 23	36 23	48 27					
18	12 44	25	0 10	12 16	14 24	16 23	36 23	48 27					
19	10 58	25	0 10	12 16	14 24	16 23	36 23	48 27					
20	7 14	25	0 10	12 16	14 24	16 23	36 23	48 27					

89 2

123 41

083

1982-1983

2132-1

NEW MOON 28 DAY AT 9.40 AM.

[illegible]

May, 1690..

The daily Motion of the Planets.

The Latitudes of the Planets. { 1 2 B 33 1 A 9 1 B 27 0 A 1 1 A 2
 { 11 2 32 1 11 1 26 0 B 11 0 B 5
 { 21 2 30 1 13 1 23 0 35 1 52

☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
11	12	13	14																					

June hath xxx. days.

60 30

First Quarter 3 day at 7. at Night
 Full Moon 11 day at 6. Aftern.
 Last Quarter 19 day near 6. Aftern.
 New Moon 26 day at 9. Morn.

122 3
 611 4
 1121 30
 1621 14
 2120 39
 2610 18

MD	WD	Remark. Days.	☉ rif.	Lun. Asp. & Weather.	Mus. Alp.
1	E	6 aft. Easter.	3 49	* ☉. Very pleasant	△ b q &
2	2	Term ends.	3 49	* ♀ Summer-wea-	□ ♀ q
3	3		3 49	* ♀ * ♀. □ ☉	
4	4		3 48	* ♂ ♂ ♀ ther,	
5	5		3 48	□ ♀. □ ♀ and so	
6	6		3 48	△ ☉. continues all	
7	7	Day 16h. 16m.	3 47	□ ♂. △ ♀ ♂ b	△ b q
8	E	Whit-sund. &	3 47	△ ♀. the former	
9	2	the 7 Bishops	3 47	△ ♂ △ ♀ part of	
10	3	sent to Tower,	3 47	this Month,	
11	4	Sr. Barnabas.	3 47	♂ ☉	△ ♀ q
12	5	to their Ho-	3 47	□ ♀. * ♀	♀ ELM
13	6	nour and Re-	3 47	♂ ♀. but about the	
14	7	noun, 1688.	3 47	♂ ♀. * ♀ ♂ ♂	
15	E	Trinity Sund.	3 47	□ ♀. 20th. day then	
16	2		3 48	perhaps Thunder and	
17	3		3 48	△ ☉. △ ♀ Ligh-	
18	4		3 48	△ ♀ ning with Hail	
19	5		3 49	△ ♀. □ ☉ ♂ ♀ or	□ ☉ ♀
20	6	Term begins.	3 49	△ ♂. Rain, but	□ ♀ q
21	7		3 50	□ ♀. □ ♀ the end	
22	E	1 p. Trinity.	3 50	* ☉ ♂ ♀ □ ♂.	
23	2		3 51	* ♀ * ♀ * ♀	△ ☉ b
24	3	St. John Eap.	3 51	* ♂. more pleasant.	
25	4		3 52	□ ♀.	♂ ♀ q
26	5		3 52	△ ♀ ♂ ☉.	
27	6		3 53	♂ ♀ ♂ ♀ △ ♀	
28	7		3 54	□ ♀. ♂ ♂	△ ♀ q
29	E	2 p. Trinity &	3 55	The 7 Bishops tried &	
30	2	Ss. Pet & Paul.	3 55	* ♀. * ☉ acquitted	
				to the Iurys honour	

June, 1690.

The daily Motion of the Planets.

The Latitude of the Planets. { I 2 B 28 I A 16 I B 20 0 B 59 I B 51
 11 2 26 I 19 I 17 I 15 0 40
 21 2 24 I 21 I 15 I 29 I A 23

Roman Account	☉	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
20	46 21	45 2	B 37	12 R	53 5	30 0	35 5	8 12	51				
21	43 5	41 1	29 12	50 5	38 1	1 6	21 14	20					
22	40 19	7 0	16 12	47 5	46 1	49 7	35 15	48					
23	37 2	11 0	A 57	12	44 5	54 2	26 8	48 17	11				
24	35 14	52 2	3 12	41 6	23	3 10	2 18	33					
25	32 27	17 3	1 12	38 6	9 3	40 11	15 19	51					
26	29 9	12 3	49 12	36 6	16 4	17 12	29 21	7					
27	26 21	35 4	25 12	33 6	24 4	54 13	42 22	21					
28	23 3	35 4	49 12	31 6	31 5	31 14	56 23	32					
29	20 15	29 4	59 12	29 6	38 6	8 16	9 24	39					
30	17 27	21 4	58 12	26 6	45 6	44 17	22 25	47					
1	14 9	13 4	46 12	24 6	52 7	21 18	35 26	48					
2	12 20	47 4	23 12	22 6	58 7	58 19	48 27	45					
3	9 3	43 3	46 12	20 7	5 8	35 21	2 28	38					
4	6 15	7 3	2 12	19 7	11 9	32 22	15 29	29					
5	3 27	16 2	6 12	17 7	17 9	49 23	29 0	19					
6	0 9	38 1	3 12	15 7	23 10	27 24	42 1	2					
7	57 22	12 0	B 6 12	14 7	28 11	4 25	55 1	42					
8	55 5	6 1	17 12	12 7	34 11	41 27	9 2	16					
9	52 18	24 2	25 12	11 7	39 12	19 28	22 2	49					
10	49 2	4 3	26 12	9 7	45 12	56 29	35 3	21					
11	46 16	13 4	16 12	8 7	50 13	32 0	18 3	46					
12	43 0	46 4	49 12	6 7	55 14	9 2	14	6					
13	41 15	40 5	3 12	5 8	0 14	46 3	17 4	25					
14	38 0	50 4	56 12	4 8	4 15	23 4	28 4	38					
15	35 16	4 4	31 12	3 8	9 16	0 5	41 4	41					
16	32 1	10 3	48 12	2 8	13 16	37 6	55 4	32					
17	29 16	2 2	52 12	1 8	17 17	14 8	8 4	38					
18	26 0	31 1	45 12	0 8	20 17	51 9	21 4	26					
19	23 14	37 0	33 12	0 8	24 18	29 10	34 4	12					

July hath xxxi days.

First Quarter 3 day at 6 Morning.
Full Moon 11 day at 10 Morning.
Last Quarter 19 day at 2 Morning.
New Moon 25 day at 6 Afternoon.

1	20	27
6	20	27
11	19	26
16	19	26
21	19	26
26	19	26

Day	Hour	Remark. Days	☉ rif.	Lun. Asp. & Weather.	Mut. Asp.
1	3		3	57. * ♀ This Month	☾ ☽ ☽
2	4		3	58. ☽ ♀. * ♀ begins	
3	5		3	59. * ☽ ☐ ☉. much as	
4	6	Day 16 hours.	4	☐ ☽. ☽ ☽ the other	
5	7		4	1. ☐ ☽. ☐ ☽ Δ ☉	
6	8	3 p. Trinity.	4	3. Δ ☽ ended, and	
7	9		4	4. Δ ♀. so continues,	
8	10		4	5. Δ ☽ Δ ☽. till	
9	11	Term ends.	4	6. ☐ ♀ * ☽ about	
10	12		4	7. the eleventh day, then	
11	1		4	9. ☽ ☽ ☽ ☉. windy, ☽ ☉ ☽	
12	2		4	10. * ♀ ☐ ☽. with some	
13	3	4 p. Trinity.	4	11. ☽ ☽ ☽ ☽ Rain, and ☽ ☽ ☽	
14	4		4	13. Δ ☽ perhaps Thun-	
15	5	3 Duke of Mon	4	14. Δ ☽ der.	
16	6	mouth behead-	4	16. Δ ☉ ☽ ♀	
17	7	ed, 1685.	4	17. Pleasanter VVeather	
18	8		4	19. ☐ ☽. Δ ☽ Δ ☽	
19	9		4	20. ☐ ☉. ☽ ☽ follows.	
20	10	5 p. Trinity.	4	21. * ♀. ☐ ☽ About	
21	11	L. Russel behead-	4	23. ☐ ☽ * ☉ * ♀.	
22	12	ed, 1683.	4	24. this time over-cast & Δ ☉ ♀	
23	1		4	26. * ☽ * ☽ ☐ ♀. Δ ☽	
24	2		4	27. ☽ ☽. cloudy; and	
25	3	St. James Apost.	4	29. Δ ♀. ☐ ☽ ☽ ☉ ☐ ☉ ☽	
26	4	Day 15 hours.	4	30. it is probable some * ☽ ☽	
27	5	6 p. Trinity.	4	32. ☽ ☽. * ☽ ☽ ☽	
28	6		4	33. * ♀ Thunder, but	
29	7		4	35. ☽ ♀ the end more	
30	8		4	36. * ☉. pleasant.	
31	9		4	38. ☐ ☽. * ☽	

July, 1690.

The daily Motion of the Planets.

The Latitudes of the Planets. { I 11 2 19 1 26 1 8 1 34 5 10 21 2 16 1 29 1 5 1 26 3 26

☉	☿	♊	Lat.	♈	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
11 19	20 28	5 0	B 4	11 R 59	8	27	19	6	11	46	4	R 1		
12 20	17 11	18 1	55	11 59	8	31	19	43	13	0	3	4		
13 21	14 14	8 2	57	11 59	8	34	20	20	14	11	3	17		
14 22	12 6	3 3	4	11 58	8	37	10	58	15	26	2	47		
15 23	9 18	33 4	27	11 58	8	39	21	35	16	39	2	24		
16 24	6 0	11 4	54	11 58	8	42	22	12	17	52	1	87		
17 25	3 12	24 5	5	11 58	8	44	22	49	19	5	1	0		
18 26	1 14	3 5	4	11 58	8	46	23	27	10	18	0	21		
19 26	58 6	4 4	50	11 58	8	48	24	4	21	30	19	54		
20 27	55 17	58 4	25	11 59	8	49	24	42	22	43	28	56		
21 28	53 29	57 3	50	11 59	8	51	25	20	23	55	28	11		
22 29	51 12	3 3	4	12 0	8	53	25	57	29	8	17	32		
23 30	49 24	16 2	10	12 0	3	55	26	35	16	21	26	52		
24 31	47 6	11 1	10	12 1	8	56	27	13	17	34	26	15		
25 2	44 19	14 0	3	12 2	8	57	27	50	28	47	25	39		
26 3	39 2	0 1	B 7	12 3	8	57	28	27	0	11	0	11		
27 4	37 15	10 2	16	12 4	8	58	29	5	1	13	24	45		
28 5	34 28	16 3	19	12 5	3	R 58	29	4	2	26	24	23		
29 6	31 1	47 4	1	12 7	3	58	0	11	20	3	28	24	5	
30 7	29 23	49 4	5	12 8	8	57	0	5	1	51	23	18		
31 8	26 10	0 5	5	12 9	8	57	1	36	6	3	28	53		
1 9	24 24	37 5	1	12 11	8	56	2	13	7	16	23	55		
2 10	21 9	28 4	47	12 12	8	55	2	51	8	28	24	0		
3 11	18 24	30 4	6	12 14	8	54	3	29	0	41	24	13		
4 12	16 9	32 8	12	12 16	8	53	4	7	10	53	24	37		
5 13	13 24	17 8	6	12 19	8	51	4	45	12	6	25	11		
6 14	11 8	46 0	53	12 21	8	50	5	23	23	18	25	48		
7 15	8 22	54 0	A 20	12 24	8	48	6	1	14	31	26	32		
8 16	6 6	35 1	33	12 26	8	46	6	35	15	43	27	24		
9 17	4 19	47 2	40	12 28	8	44	7	17	16	57	28	21		
10 18	2 12	36 3	42	12 30	8	42	7	55	18	5	29	16		

August hath xxxi days.

16 36

First Quarter 1 day at 8 Night.

Full Moon 9 day at Midnight.

Last Quarter 17 day at 9 Night.

New Moon 24 day at 1 Morning.

First Quarter 31 day at 2 Afternoon.

1	18	48
6	18	33
11	18	16
16	18	1
21	17	45
26	17	30

Day	Mon.	Remark. Days	☉ rif.	Lun. Asp. & Weather	Mut. Asp.
1	6		4 39	♂ h. ☐ ☉ * ♀	
2	7		4 41	△ ♀ Inclining to	
3	E 7 p. Trinity.	4 43	△ ♀. ☐ ♂ wet at		
4	2	4 45	△ ☉ ☐ ♀		
5	3	4 47	☐ ♀ the beginning,		
6	4	4 49	△ ♂. * h with		
7	5	4 50	△ ♀ Winds clear.	△ ♀ ♀	
8	6	4 52	* ♀. ♂ ♀ ☐ h	* h ♂	
9	7	4 54	ing the Air.	☐ h ♀	
10	E 8 p. Trinity.	4 56	♂ ☉. So that we		
11	2	4 58	△ h ♂ ♂. hope		
12	3 Day 14 hours.	4 59	♂ ♀ for good har-		
13	4	5 1	♂ ♀. vest Weather,		
14	5	5 3	△ ♀. in the general.		
15	6	5 5	△ ☉. ♂ h But a-		
16	7	5 7	△ ♂. ☐ ♀ bout	♂ ♀ ♀	
17	E 9 p. Trinity.	5 9	☐ ☉. * ♀ △ ♀		
18	2	5 11	☐ ♂. the new Moon		
19	3	5 13	* ♀. * ☉ ☐ ♀ ☐ ♀		
20	4	5 15	△ h. * ♂ expect		
21	5	5 17	△ ♀ some Showers		
22	6	5 19	☐ h * ♀. with		
23	7	5 21	brisk Winds. After-	♂ ☉ ♀	
24	E St. Bartholom	5 23	♂ ☉ ♂ ♀ * h. ♂ ♂		
25	2 Eclip. ☉ invis.	5 25	♂ ♀ wards tempe-	* h ♀	
26	3	5 27	♂ ♀ rare to the		
27	4	5 28	Month's end.	* ☉ h	
28	5 Day 13 hours.	5 30	♂ h * ☉		
29	6	5 32	* ♀. * ♂		
30	7	5 34	△ ♀		
31	E 11 p. Trinity.	5 36	☐ ☉		

August, 1690.

The daily Motion of the Planets.

The Latitudes	1	3	B 13	1	A 32	1	B 0	1	B 8	0	A 31
of the Planets.	11	2	21	1	35	0	57	0	49	1	B 20
	21	3	8	1	38	0	54	0	16	1	42

[illegible]

B 4

Septembe

September hath xxx days.

☾ ✕

Full Moon 8 day at 2 in the Aftern.
 Last Quarter 15 day at 3 in the Aftern.
 New Moon 22 day at 1 in the Aftern.
 First Quarter 30 day at 9 Morning.

1	27	10
6	16	34
11	16	38
16	16	32
21	16	26
26	15	20

☾	☾	Remark. Days. ☉	ris.	Lun. Asp. & Weather.	Mut. Alp.
1	2		5 38	☐ ♀ * ☐ ☐ ♂.	
2	3	London burnt.	5 40	☐ ♀. * ♀ bluftring	
3	4	O. Cromwel	5 42	△ ☉. VVinds at the	♂ ♂ ♀
4	5	died.	5 44	☐ ☐ △ ♂ △ ♀. * ♀	
5	6		5 46	☐ ♀. Beginning;	
6	7		5 48	△ ♀ bringing	♂ ♀ ♀
7	8	12. p. Trinity.	5 50	△ ♀ Rain near	
8	9	Nat. Vir. Mar.	5 52	♂ ☉ these Days.	
9	10		5 53	♂ ♂ ♂ ♀. ♂ ♀	
10	11		5 55		
11	12	Day 12. hours.	5 57	♂ ♀ If I mistake	♂ ♀ ♂
12	13		5 59	♂ ♀. not, the	
13	14		6 1	△ ☉. * ♀ △ ♂	
14	15	13. p. Trinity.	6 3	△ ♀ whole Month	
15	16		6 5	☐ ☉ ☐ ♀ ☐ ♂	
16	17		6 7	△ ♀. △ ♀ will be	♂ ☉ ♀
17	18		6 9	△ ♀ * ☉ turbulent	
18	19		6 11	* ♂. ☐ ♀ ☐ ♀	♂ ♀ ♀
19	20		6 13	* ♀. and windy,	
20	21		6 15	* ♀ * ♀	
21	22	St. Matthew.	6 17	with storms of Rain;	
22	23		6 19	♂ ♀. ♂ ☉ ♂ ♂	
23	24		6 21	and, in all probability,	
24	25		6 23	♂ ♀. Thunder before	
25	26		6 25	♂ ♀. ♂ ♀ the Month	
26	27		6 26	△ ♀ be out.	
27	28	28. D. 11. Ho.	6 28	* ☉ * ♂	
28	29	15. p. Trinity	6 30		
29	30	St. Michael.	6 32	☐ ♀. * ♀	
30			6 34	* ♀ ☐ ♂ ☐ ☉.	♂ ☉ ♂

September, 1690.

The daily Motion of the Planets.

The Latitude of the Planets.

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12

Roman Accounts.

☉	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
11 18 59	19 29 1	5 A 10	14 32 6	R 2	18 27 26	28 26 20						
12 19 57	10 46 4	50 14	18 5	55 19	5 27 39	18 5						
13 20 56	23 48 4	74 14	43 2	4 19	44 28	50 29	48					
14 21 54	4 16 3	29 14	48 5	41 0	23 0	11 1	28					
15 22 53	16 48 2	33 14	53 5	3 1	1 1	12 3	9					
16 23 52	29 12 1	37 4	59 5	27 1	39 3	21 4	49					
17 24 51	11 55 0	26 15	4 5	20 2	18 3	34 6	29					
18 25 49	24 45 0	B 42	15 10	5 13	2 56 4	45 8	7					
19 26 48	7 59 1	49 15	15 5	5 1	34 5	56 9	43					
20 27 47	27 36 2	58 15	21 4	57 4	13 7	7 11	18					
21 28 46	5 16 3	49 15	26 4	50 4	52 8	18 12	53					
22 29 45	19 6 4	35 15	32 4	4 5	34 9	29 14	27					
23 30 44	2 59 5	5 15	38 4	34 6	14 10	40 16	0					
24 31 43	16 58 5	17 15	43 4	26 6	55 11	51 17	33					
25 32 42	0 59 5	8 15	49 4	18 7	34 13	2 19	5					
26 33 41	15 5 4	38 15	55 4	10 8	14 14	13 20	37					
27 34 40	29 11 3	51 16	0 4	2 8	53 15	24 23	8					
28 35 39	13 22 2	49 16	6 3	54 9	34 16	35 23	38					
29 36 38	27 30 1	39 16	13 3	46 10	14 17	46 25	7					
30 37 37	11 40 0	24 16	19 3	38 10	53 8	57 26	33					
31 38 36	25 30 0	A 49	16 25	30 11	34 10	7 27	19					
32 39 35	9 12 1	48 16	31 3	22 12	18 21	17 29	30					
33 40 34	23 39 2	59 16	37 3	14 12	51 22	27 0	57					
34 41 33	5 44 3	55 16	44 3	6 13	33 13	36 3	21					
35 42 32	18 31 4	33 16	50 2	58 14	12 24	45 3	41					
36 43 31	0 5 0	0 16	56 2	50 14	51 15	54 4	59					
37 44 30	13 9 5	13 17	3 2	43 15	31 27	1 6	19					
38 45 29	25 8 5	12 17	9 2	25 16	11 8	13 7	19					
39 46 28	31 6 4	57 17	15 2	27 16	52 29	21 8	58					
40 47 27	1 18 4	25 17	22 2	30 17	23 0	23 10	16					

October

October hath xxxi days.

Ω *

Full Moon 8 day near 3 in the morn.

Last Quarter 14 day at 10 at Night.

New Moon 22 day at 3 in the Morn.

First Quarter 30 day at 6 Morning.

1	15	35
6	13	19
11	15	3
16	14	47
21	14	31
26	14	15

Day	Mon	Remark.	Days.	☉ ris	Lun. Asp. & Weather.	Mut. Asp.
1	4		6	36	* ♀ * ♀ This	Δ ♀ ♀
2	5		6	38	☐ ♀ ☐ ♀ begins	
3	6		6	40	Δ ♂ Δ ☉. as the	
4	7		6	42	☐ ♀. other ended,	
5	E	16. n. Trinity.	6	44	Δ ♀ Δ ♀. and a	
6	2		6	46	♂ ♀. Δ ♀ bout	
7	3		6	48	♂ ♂ these days	♂ ♀ ♀
8	4		6	50	♂ ☉. dark flying	♀ E.L.M.
9	5		6	52	♂ ♀ ♂ ♀ Clouds,	
10	6		6	54	* ♀ bringing Rain	
11	7		6	56	♂ ♀. with cold	
12	E	17. p. Trinity.	6	58	Δ ♂. Δ ☉ ☐ ♀	
13	2	Day 10. hours.	7	c.	Δ ♀ Easterly	
14	3	K. James 2 nat.	7	1	Δ ♀. ☐ ♂ Δ ♀ ☐ ☉	
15	4		7	3	Winds, variable about	
16	5		7	5	Δ ♀ ☐ ♀. ☐ ♀	
17	6		7	7	* ☉. this time.	
18	7	St. Luke.	7	9	☐ ♀. * ♀	
19	E	18. p. Trinity.	7	10	♂ ♀. But afterwards	
20	2		7	12	* ♀ some	
21	3		7	14	♂ ♂ more Rain	
22	4		7	16	♂ ☉. ♂ ♀ may be	
23	5	Term begins.	7	18	♂ ♀ Δ ♀ expect-	
24	6		7	20	ed, and towards the	
25	7	Crispin.	7	22	end, dark and cloudy	
26	E	19 p. Trinity.	7	24	♂ ♀ ☐ ♀. * ♂	☐ ♀ ♀
27	2		7	25	* ☉: * ♀. Air	
28	3	St. Sim. & Jud.	7	27	* ♀. * ♀ with	
29	4		7	29	☐ ♂. Storms.	
30	5	D. 9. Ho.	7	30	☐ ☉ ☐ ♀. ☐ ♀	♂ ♀ ♀
31	6		7	32	* ♀	♂ ☉ ♀

October, 1690.

The daily Motion of the Planets.

The Latitudes of the Planets.

B	1	A	39	B	35	A	7	A	18
1	1	1	38	0	30	2	36	1	55
2	1	59	36	0	34	2	58	1	27

	☉	☿	♊	♈	Lat.	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉
11	18	30	0	37	3	A	44	17	28	2	R	12	18	13	1	39	11	31
12	19	30	12	32	2	5	17	35	2	4	18	53	2	48	12	45		
13	20	29	24	44	1	51	17	41	1	57	19	32	3	57	13	57		
14	21	29	7	11	0	43	17	46	1	50	20	12	5	6	15	8		
15	22	28	20	1	0	B	14	17	52	1	43	20	52	6	15	16	18	
16	23	28	3	11	1	32	17	58	1	36	21	32	7	24	17	26		
17	24	28	16	45	2	36	18	5	1	29	22	12	8	33	18	32		
18	25	28	0	6	3	33	18	12	1	22	2	52	9	41	19	25		
19	26	28	14	24	4	17	18	1	1	16	13	32	10	49	10	35		
20	27	28	28	57	4	53	18	26	1	9	24	13	11	58	21	32		
21	28	28	13	12	5	10	18	33	1	3	24	55	13	8	22	28		
22	29	28	27	40	5	5	18	40	0	57	25	35	14	16	23	19		
23	29	28	12	5	4	42	18	46	0	51	26	16	15	21	24	5		
24	29	28	25	46	4	1	18	53	0	45	26	56	16	32	24	47		
25	29	28	10	3	3	1	19	0	0	39	27	37	17	40	25	25		
26	29	28	23	59	1	57	19	7	0	34	28	17	18	48	1	59		
27	29	28	7	41	0	38	19	14	0	28	28	58	19	56	6	26		
28	29	28	21	20	0	A	35	19	22	0	23	19	32	21	3	52		
29	29	28	4	48	1	44	19	29	0	18	c	19	22	10	6	57		
30	29	28	18	3	2	46	19	36	0	13	1	0	23	17	27	R	3	
31	29	28	1	10	3	40	19	43	0	8	1	43	24	22	27	R	0	
1	29	29	14	1	4	19	19	50	0	4	2	24	25	28	26	44		
2	29	29	26	37	4	47	19	57	29	59	3	52	26	34	26	21		
3	29	29	8	59	5	0	20	4	29	55	3	45	27	40	25	54		
4	29	29	21	8	5	4	20	11	29	51	4	27	8	56	25	24		
5	29	29	30	3	4	53	20	18	29	48	5	8	ov	1	24	11		
6	29	29	14	57	4	30	20	25	29	44	5	49	1	6	23	9		
7	29	29	26	43	3	53	20	32	9	40	6	30	2	11	22	3		
8	29	29	31	34	3	5	20	39	19	37	7	11	3	13	20	46		
9	29	29	31	29	2	7	20	47	19	34	7	52	4	19	10	28		
10	29	29	32	27	1	3	20	54	29	31	8	32	5	21	28	7		

November

November hath xxx days.

Full Moon 6 day at 2. in the Aftern.

Last Quarter 13 day at 6. Morn.

New Moon 20 day at 7. at Night.

First Quarter 28 day at Midnight.

Day	UK	Remark. Days.	☉ rif	Lun. Asp. & Weather.	Mut. Asp.
1	7	All Saints.	7 34	Δ ♂. Δ ♀ Δ ⊙ Δ ♀	
2	E 20 p. Trinity.	7 35	♂ ♀	Storms of	
3	2	7 37	☐ ♀.	Rain at the	♂ ⊙ ♀
4	3	7 39		beginning, which is	
5	4	7 40	Δ ♀ ♂ ♂ ♂ ♀		
6	5	7 42	♂ ♀. ♂ ⊙ * ♀		♂ ♂ ♀
7	6	7 43		likely to continue for	* ♀ ♀
8	7	7 44	☐ ♀	some Days.	
9	E 21 p. Trinity.	7 46	Δ ♀		* ♂ ♀
10	2	7 47	Δ ♂ ♂ ♀ Δ ♀. Δ ⊙ Δ ♀		
11	3	7 49	☐ ♀	High and cur	Δ ⊙ ♀
12	4	7 50	☐ ♂. ☐ ♀	bulent	
13	5	7 51	☐ ⊙.	Winds.	
14	6	7 53	* ♀ * ♂. Δ ♀ * ♀		
15	7	7 54	♂ ♀. * ⊙	but after-	
16	E 22 p. Trinity.	7 55		wards more calm and	
17	2	7 57	☐ ♀.	mild, but in	♀ El. Ma
18	3	7 59		continues but a very	* ♀ ♀
19	4	8 0	♂ ♀ ♂ ♂. ♂ ♀ * ♀		
20	5	8 1	♂. ⊙	short space,	
21	6	8 2		for about this time	♂ ♀ ♂
22	7	8 3	☐ ♀.	look for great	
23	E 23 p. Trinity.	8 4	* ⊙	storms of Rain	
24	2	8 5	* ♀ * ♀ * ♂		♂ ♀ ♀
25	3	8 6	* ♀ ♂ ♀.	together	* ♀ ♀
26	4	8 7	* ⊙.	with high and	♂ ♂
27	5	8 7	☐ ♀ ☐ ♂. ☐ ♀.	tur-	
28	6	8 8	☐ ⊙	bulent Winds.	Δ ♀ ♀
29	7	8 9	Δ ♀ Δ ♂ ♂ ♀		
30	E St. Andrew.	8 9	Δ ♀ * ♀.		Δ ♀ ♂

November, 1690.

The daily Motion of the Planets.

The Latitude of the Planets.

	☉	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
1	19	32	15	20	B	11	2	15	R	15	6	24	17	R	24										
2	20	33	17	54	1	14	21	5	19	26	9	56	7	30	16										
3	21	34	11	Y	8	2	22	16	29	24	10	37	8	35	14										
4	22	35	24	49	3	20	21	24	29	2	11	18	9	40	13										
5	23	35	9	8	0	4	7	21	32	20	12	0	10	44	18										
6	24	36	23	19	4	41	22	3	32	15	13	4	11	50	22										
7	25	37	7	II	5	4	59	21	45	29	17	23	12	53	11										
8	26	37	22	48	4	59	21	51	29	26	14	4	13	55	11										
9	27	38	2	5	15	4	40	26	59	29	15	14	46	14	12										
10	28	39	22	21	4	3	22	6	29	24	15	21	15	50	11										
11	29	40	6	Ω	13	3	8	12	11	29	13	16	10	16	59	11									
12	30	41	10	50	2	0	11	20	29	23	16	53	18	0	11										
13	31	41	4	II	13	0	47	12	28	23	11	17	34	19	0										
14	32	42	19	18	0	A	27	12	35	29	D	13	13	16	10										
15	33	43	4	23	7	1	39	23	41	29	13	18	57	21	0										
16	34	44	14	39	2	4	42	22	49	9	13	19	39	21	59	14									
17	35	45	27	36	3	3	45	22	56	29	14	20	21	12	58	15									
18	36	46	10	III	7	4	15	23	5	29	25	11	3	23	57	16									
19	37	46	28	50	4	4	45	23	10	29	16	21	45	24	55	17									
20	38	47	5	21	4	4	57	23	17	29	17	22	37	25	53	18									
21	39	48	17	5	4	4	59	23	23	9	29	23	9	16	50	19									
22	40	49	29	25	4	4	49	23	30	9	21	23	51	17	47	21									
23	41	50	11	V	13	4	26	23	37	29	23	24	34	18	44	22									
24	42	51	23	15	3	3	54	23	44	29	25	25	11	19	40	23									
25	43	52	5	III	13	3	10	23	51	29	27	25	50	0	15	23									
26	44	53	16	52	2	2	21	23	58	9	30	26	41	1	30	24									
27	45	54	8	48	1	1	16	24	5	29	32	27	23	2	24	25									
28	46	56	10	X	58	0	9	24	11	29	31	28	63	12	29	26									
29	47	57	23	21	1	B	1	24	18	9	31	13	45	4	21	27									
30	48	58	6	Y	51	1	6	24	25	29	41	9	20	5	42	28									

December, 1690.

The daily Motion of the Planets.

The Latitudes of the Planets. $\left\{ \begin{array}{l} I \quad I \quad B 58 \quad I \quad A 25 \quad 0 \quad A \quad 0 \quad I \quad A 59 \quad 0 \quad B 50 \\ II \quad I \quad 53 \quad I \quad 2 \quad 0 \quad 6 \quad 0 \quad 53 \quad 0 \quad A 23 \\ III \quad I \quad 59 \quad I \quad 19 \quad 0 \quad 12 \quad 0 \quad B 43 \quad I \quad 19 \end{array} \right.$

☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
19	59	19	15	3 B	9	24	32	29	45	0	13	5	46	3	55
21	02	♈	51	3	59	24	39	29	45	0	56	6	36	5	22
22	1	16	57	4	37	24	45	29	53	1	38	7	35	6	50
23	21	♊	17	4	56	24	51	29	57	2	21	8	13	8	18
24	4	16	20	4	59	24	58	♈	1	3	3	9	0	9	47
25	51	♋	24	4	43	25	5	0	6	3	46	9	46	11	16
26	6	16	31	4	9	25	11	0	10	4	30	10	31	12	46
27	71	♌	36	3	19	25	17	0	15	5	12	11	15	14	16
28	8	16	22	2	14	25	24	0	20	5	55	11	53	15	47
29	10	0	49	0	57	25	30	0	25	6	38	12	40	17	18
30	11	15	10	0 A	19	25	37	0	30	7	10	13	28	18	50
31	12	18	33	1	32	25	43	0	35	8	3	14	20	22	
32	2	13	11	2	39	25	49	0	41	8	46	14	41	24	55
33	3	14	24	3	35	25	55	0	46	9	39	15	10	23	23
34	4	15	7	4	19	16		0	51	10	1	15	57	25	2
35	5	17	19	4	46	16	7	0	58	10	55	16	33	26	35
36	6	18	2	5	3	26	13	1	5	11	38	17	7	28	9
37	7	19	14	5	2	26	19	1	11	12	21	17	39	29	46
38	8	21	6	4	51	26	25	1	18	13	28	10	17	30	58
39	9	22	17	4	28	16	31	1	25	13	48	18	40	2	52
40	10	24	10	3	54	16	37	1	31	14	31	19	4	4	30
41	11	25	1	3	12	16	43	1	39	15	11	19	30	6	5
42	12	26	13	2	10	26	49	1	47	15	57	19	53	7	40
43	13	28	25	2	21	26	55	1	54	16	4	20	13	9	16
44	14	29	2	0	19	27	0	2	1	7	15	20	31	10	52
45	15	30	19	0 B	48	27	6	2	10	18	20	20	48	12	28
46	16	31	7	1	54	27	1	2	18	18	51	21	2	14	5
47	17	32	14	2	57	27	17	2	26	9	36	21	14	15	42
48	18	34	28	3	54	27	22	2	34	10	20	21	28	17	20
49	19	35	11	4	35	27	28	2	41	11	1	21	28	18	58
50	20	36	23	5	3	27	33	2	50	11	48	21	38	20	37

A Table

A Table of Houses for the latitude of

51. degr. 32. min.

Sol in Aries.

Sol in Taurus.

Time from Noon.	x	xj	xij	Ascen.	ij	iii
	γ	δ	ι	♄	♊	♈
H. M.	Grad.	Grad.	Grad.	Min.	Grad.	Grad.
0	0	13	28	26	42	11
0	4	14	29	27	23	17
0	7	15	30	28	2	17
0	11	16	1	28	43	18
0	15	17	2	29	21	19
0	18	18	3	0	1	19
0	22	20	3	0	40	20
0	26	21	4	1	20	21
0	29	22	5	2	0	21
0	33	23	6	2	39	22
0	37	24	7	3	19	23
0	40	25	7	3	59	23
0	44	26	8	4	38	24
0	48	27	9	5	17	25
0	51	28	10	5	57	25
0	55	29	11	6	36	26
0	59	30	11	7	15	27
1	3	31	12	7	53	27
1	6	32	13	8	35	28
1	10	33	14	9	14	29
1	14	34	14	9	54	29
1	18	35	15	10	33	30
1	21	36	16	11	12	31
1	25	37	17	11	52	31
1	29	38	17	12	32	32
1	33	39	18	13	12	33
1	36	40	19	13	52	34
1	40	41	20	14	32	35
1	44	42	20	15	12	36
1	49	43	21	15	51	37
1	53	44	22	16	31	38

Time from Noon.	x	xj	xij	Ascen.	ij	iii
	δ	ι	♄	♈	♊	♈
H. M.	Grad.	Grad.	Grad.	G	M G	G.
1	52	14	22	16	31	6
1	55	15	23	17	11	7
1	59	16	23	17	51	8
2	3	17	24	18	31	8
2	7	18	25	19	12	9
2	11	19	26	19	52	10
2	15	20	26	20	32	11
2	19	21	27	21	13	11
2	23	22	28	21	54	12
2	26	23	29	22	35	13
2	30	24	29	23	16	13
2	34	25	30	24	57	14
2	38	26	1	24	38	15
2	42	27	2	25	19	16
2	46	28	3	26	0	16
2	50	29	3	26	42	17
2	54	30	4	27	24	18
2	58	31	4	28	6	19
3	2	32	5	28	37	19
3	6	33	6	29	30	20
3	10	34	7	30	18	21
3	14	35	8	31	55	22
3	18	36	9	32	37	23
3	22	37	10	33	20	24
3	26	38	11	34	2	25
3	30	39	12	35	46	26
3	35	40	13	36	29	27
3	39	41	14	37	13	28
3	43	42	15	38	55	29
3	47	43	16	39	39	30
3	51	44	17	40	23	31

Table of Houses for the latitude of 51. degr. 32. min.

Sol in Gemini.

Sol in Cancer.

Time from Noon.	Ascend.	Time from Noon.	Ascend.
12	12	12	12
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12

Time from Noon.	Ascend.	Time from Noon.	Ascend.
12	12	12	12
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12

A Table of Rhumbs for the Latitude of

54. degs. 32. min.

Sol in L.A.

Sol in V.D.

Time from Noon		S. W. E.		M. G. O.		Time from Noon		S. W. E.		M. G. O.	
H	M	G	O	G	O	H	M	G	O	G	O
8	9	0	6	12	38	10	10	2	34	13	30
8	11	1	7	19	2	10	12	3	41	9	3
8	13	2	8	25	4	10	14	4	48	19	10
8	15	3	9	31	6	10	16	5	55	29	17
8	17	4	10	37	8	10	18	6	1	39	24
8	19	5	11	43	10	10	20	7	8	49	31
8	21	6	12	49	12	10	22	8	15	59	38
8	23	7	13	55	14	10	24	9	22	69	45
8	25	8	14	1	16	10	26	10	29	79	52
8	27	9	15	7	18	10	28	11	36	89	59
8	29	10	16	13	20	10	30	12	43	99	66
8	31	11	17	19	22	10	32	1	50	109	73
8	33	12	18	25	24	10	34	2	57	119	80
8	35	13	19	31	26	10	36	3	64	129	87
8	37	14	20	37	28	10	38	4	71	139	94
8	39	15	21	43	30	10	40	5	78	149	101
8	41	16	22	49	32	10	42	6	85	159	108
8	43	17	23	55	34	10	44	7	92	169	115
8	45	18	24	1	36	10	46	8	99	179	122
8	47	19	25	7	38	10	48	9	106	189	129
8	49	20	26	13	40	10	50	10	113	199	136
8	51	21	27	19	42	10	52	11	120	209	143
8	53	22	28	25	44	10	54	12	127	219	150
8	55	23	29	31	46	10	56	1	134	229	157
8	57	24	30	37	48	10	58	2	141	239	164
8	59	25	31	43	50	10	60	3	148	249	171
8	61	26	32	49	52	10	62	4	155	259	178
8	63	27	33	55	54	10	64	5	162	269	185
8	65	28	34	1	56	10	66	6	169	279	192
8	67	29	35	7	58	10	68	7	176	289	199
8	69	30	36	13	60	10	70	8	183	299	206
8	71	31	37	19	62	10	72	9	190	309	213
8	73	32	38	25	64	10	74	10	197	319	220
8	75	33	39	31	66	10	76	11	204	329	227
8	77	34	40	37	68	10	78	12	211	339	234
8	79	35	41	43	70	10	80	1	218	349	241
8	81	36	42	49	72	10	82	2	225	359	248
8	83	37	43	55	74	10	84	3	232	369	255
8	85	38	44	1	76	10	86	4	239	379	262
8	87	39	45	7	78	10	88	5	246	389	269
8	89	40	46	13	80	10	90	6	253	399	276
8	91	41	47	19	82	10	92	7	260	409	283
8	93	42	48	25	84	10	94	8	267	419	290
8	95	43	49	31	86	10	96	9	274	429	297
8	97	44	50	37	88	10	98	10	281	439	304
8	99	45	51	43	90	10	100	11	288	449	311
8	101	46	52	49	92	10	102	12	295	459	318
8	103	47	53	55	94	10	104	1	302	469	325
8	105	48	54	1	96	10	106	2	309	479	332
8	107	49	55	7	98	10	108	3	316	489	339
8	109	50	56	13	100	10	110	4	323	499	346
8	111	51	57	19	102	10	112	5	330	509	353
8	113	52	58	25	104	10	114	6	337	519	360
8	115	53	59	31	106	10	116	7	344	529	367
8	117	54	60	37	108	10	118	8	351	539	374
8	119	55	61	43	110	10	120	9	358	549	381
8	121	56	62	49	112	10	122	10	365	559	388
8	123	57	63	55	114	10	124	11	372	569	395
8	125	58	64	1	116	10	126	12	379	579	402
8	127	59	65	7	118	10	128	1	386	589	409
8	129	60	66	13	120	10	130	2	393	599	416
8	131	61	67	19	122	10	132	3	400	609	423
8	133	62	68	25	124	10	134	4	407	619	430
8	135	63	69	31	126	10	136	5	414	629	437
8	137	64	70	37	128	10	138	6	421	639	444
8	139	65	71	43	130	10	140	7	428	649	451
8	141	66	72	49	132	10	142	8	435	659	458
8	143	67	73	55	134	10	144	9	442	669	465
8	145	68	74	1	136	10	146	10	449	679	472
8	147	69	75	7	138	10	148	11	456	689	479
8	149	70	76	13	140	10	150	12	463	699	486
8	151	71	77	19	142	10	152	1	470	709	493
8	153	72	78	25	144	10	154	2	477	719	500
8	155	73	79	31	146	10	156	3	484	729	507
8	157	74	80	37	148	10	158	4	491	739	514
8	159	75	81	43	150	10	160	5	498	749	521
8	161	76	82	49	152	10	162	6	505	759	528
8	163	77	83	55	154	10	164	7	512	769	535
8	165	78	84	1	156	10	166	8	519	779	542
8	167	79	85	7	158	10	168	9	526	789	549
8	169	80	86	13	160	10	170	10	533	799	556
8	171	81	87	19	162	10	172	11	540	809	563
8	173	82	88	25	164	10	174	12	547	819	570
8	175	83	89	31	166	10	176	1	554	829	577
8	177	84	90	37	168	10	178	2	561	839	584
8	179	85	91	43	170	10	180	3	568	849	591
8	181	86	92	49	172	10	182	4	575	859	598
8	183	87	93	55	174	10	184	5	582	869	605
8	185	88	94	1	176	10	186	6	589	879	612
8	187	89	95	7	178	10	188	7	596	889	619
8	189	90	96	13	180	10	190	8	603	899	626
8	191	91	97	19	182	10	192	9	610	909	633
8	193	92	98	25	184	10	194	10	617	919	640
8	195	93	99	31	186	10	196	11	624	929	647
8	197	94	100	37	188	10	198	12	631	939	654
8	199	95		43	190	10	200	1	638	949	661
8	201	96		49	192	10	202	2	645	959	668
8	203	97		55	194	10	204	3	652	969	675
8	205	98		1	196	10	206	4	659	979	682
8	207	99		7	198	10	208	5	666	989	689
8	209	100		13	200	10	210	6	673	999	696
8	211			19	202	10	212	7	680	1009	703
8	213			25	204	10	214	8	687	1019	710
8	215			31	206	10	216	9	694	1029	717
8	217			37	208	10	218	10	701	1039	724
8	219			43	210	10	220	11	708	1049	731
8	221			49	212	10	222	12	715	1059	738
8	223			55	214	10	224	1	722	1069	745
8	225			1	216	10	226	2	729	1079	752
8	227			7	218	10	228	3	736	1089	759
8	229			13	220	10	230	4	743	1099	766
8	231			19	222	10	232	5	750	1109	773
8	233			25	224	10	234	6	757	1119	780
8	235			31	226	10	236	7	764	1129	787
8	237			37	228	10	238	8	771	1139	794
8	239			43	230	10	240	9	778	1149	801
8	241			49	232	10	242	10	785	1159	808
8	243			55	234	10	244	11	792	1169	815
8	245			1	236	10	246	12	799	1179	822
8	247			7	238	10	248	1	806	1189	829
8	249			13	240	10	250	2	813	1199	836
8	251			19	242	10	252	3	820	1209	843
8	253			25	244	10	254	4	827	1219	850
8	255			31	246	10	256	5	834	1229	857
8	257			37	248	10	258	6	841	1239	864
8	259			43	250	10	260	7	848	1249	871
8	261			49	252	10	262	8	855	1259	878
8	263			55	254	10	264	9	862	1269	885
8											

A Table of Hours for the Latitude of
51. degr. 32. min.

Sol in Libra					Sol in Scorp.				
Time from Noon.	h	m	s	Alt.	Time from Noon.	h	m	s	Alt.
0	0	0	0	0	0	0	0	0	0
1	0	1	0	1	1	0	1	0	1
2	0	2	0	2	2	0	2	0	2
3	0	3	0	3	3	0	3	0	3
4	0	4	0	4	4	0	4	0	4
5	0	5	0	5	5	0	5	0	5
6	0	6	0	6	6	0	6	0	6
7	0	7	0	7	7	0	7	0	7
8	0	8	0	8	8	0	8	0	8
9	0	9	0	9	9	0	9	0	9
10	0	10	0	10	10	0	10	0	10
11	0	11	0	11	11	0	11	0	11
12	0	12	0	12	12	0	12	0	12
13	0	13	0	13	13	0	13	0	13
14	0	14	0	14	14	0	14	0	14
15	0	15	0	15	15	0	15	0	15
16	0	16	0	16	16	0	16	0	16
17	0	17	0	17	17	0	17	0	17
18	0	18	0	18	18	0	18	0	18
19	0	19	0	19	19	0	19	0	19
20	0	20	0	20	20	0	20	0	20
21	0	21	0	21	21	0	21	0	21
22	0	22	0	22	22	0	22	0	22
23	0	23	0	23	23	0	23	0	23
24	0	24	0	24	24	0	24	0	24
25	0	25	0	25	25	0	25	0	25
26	0	26	0	26	26	0	26	0	26
27	0	27	0	27	27	0	27	0	27
28	0	28	0	28	28	0	28	0	28
29	0	29	0	29	29	0	29	0	29
30	0	30	0	30	30	0	30	0	30
31	0	31	0	31	31	0	31	0	31
32	0	32	0	32	32	0	32	0	32
33	0	33	0	33	33	0	33	0	33
34	0	34	0	34	34	0	34	0	34
35	0	35	0	35	35	0	35	0	35
36	0	36	0	36	36	0	36	0	36
37	0	37	0	37	37	0	37	0	37
38	0	38	0	38	38	0	38	0	38
39	0	39	0	39	39	0	39	0	39
40	0	40	0	40	40	0	40	0	40
41	0	41	0	41	41	0	41	0	41
42	0	42	0	42	42	0	42	0	42
43	0	43	0	43	43	0	43	0	43
44	0	44	0	44	44	0	44	0	44
45	0	45	0	45	45	0	45	0	45
46	0	46	0	46	46	0	46	0	46
47	0	47	0	47	47	0	47	0	47
48	0	48	0	48	48	0	48	0	48
49	0	49	0	49	49	0	49	0	49
50	0	50	0	50	50	0	50	0	50
51	0	51	0	51	51	0	51	0	51
52	0	52	0	52	52	0	52	0	52
53	0	53	0	53	53	0	53	0	53
54	0	54	0	54	54	0	54	0	54
55	0	55	0	55	55	0	55	0	55
56	0	56	0	56	56	0	56	0	56
57	0	57	0	57	57	0	57	0	57
58	0	58	0	58	58	0	58	0	58
59	0	59	0	59	59	0	59	0	59
60	0	60	0	60	60	0	60	0	60

A Table of Houses for the latitude of 51. degr. 32. min.

Sol in Sagittary.

Time from Noon.	X	Y	Z	Ascend.	Y	II
	X	Y	Z	10	X	Y
H	M	G	G	G	M	G
15	51	0	14	25	27	10
15	51	1	15	25	28	37
16	0	2	16	1	29	6
16	4	3	17	2	30	13
16	8	4	18	3	31	20
16	12	5	19	4	32	27
16	16	6	20	5	33	34
16	20	7	21	6	34	41
16	24	8	22	7	35	48
16	28	9	23	8	36	55
16	32	10	24	9	37	02
16	36	11	25	10	38	09
16	40	12	26	11	39	16
16	44	13	27	12	40	23
16	48	14	28	13	41	30
16	52	15	29	14	42	37
17	56	16	30	15	43	44
17	00	17	31	16	44	51
17	04	18	32	17	45	58
17	08	19	33	18	46	05
17	12	20	34	19	47	12
17	16	21	35	20	48	19
17	20	22	36	21	49	26
17	24	23	37	22	50	33
17	28	24	38	23	51	40
17	32	25	39	24	52	47
17	36	26	40	25	53	54
17	40	27	41	26	54	01
17	44	28	42	27	55	08
17	48	29	43	28	56	15
17	52	30	44	29	57	22
18	00	31	45	30	58	29

Sol in Capricorn.

Time from Noon.	X	Y	Z	Ascend.	Y	II
	X	Y	Z	10	X	Y
H	M	G	G	G	M	G
18	0	1	13	6	0	17
18	4	2	14	7	1	24
18	8	3	15	8	2	31
18	12	4	16	9	3	38
18	16	5	17	10	4	45
18	20	6	18	11	5	52
18	24	7	19	12	6	59
18	28	8	20	13	7	06
18	32	9	21	14	8	13
18	36	10	22	15	9	20
18	40	11	23	16	10	27
18	44	12	24	17	11	34
18	48	13	25	18	12	41
18	52	14	26	19	13	48
18	56	15	27	20	14	55
19	00	16	28	21	15	02
19	04	17	29	22	16	09
19	08	18	30	23	17	16
19	12	19	31	24	18	23
19	16	20	32	25	19	30
19	20	21	33	26	20	37
19	24	22	34	27	21	44
19	28	23	35	28	22	51
19	32	24	36	29	23	58
19	36	25	37	30	24	05
19	40	26	38	31	25	12
19	44	27	39	32	26	19
19	48	28	40	33	27	26
19	52	29	41	34	28	33
19	56	30	42	35	29	40
20	00	31	43	36	30	47
20	04	32	44	37	31	54
20	08	33	45	38	32	01
20	12	34	46	39	33	08

A Table of Houses for the latitude of 51. degr. 32. min.

Sol in Aquary.

Sol in Pisces.

Time from Noon.	x	xj	xi	Ascend.	ij	ij
	☾	☿	♈	♈	♈	♈
L. M. G.	G.	G.	♈	M.	G.	G.
10	90	10	5	8	52	116
11	13	1	2	4	14	117
12	17	2	3	5	37	118
13	21	3	4	6	58	119
14	25	4	5	8	17	120
15	29	5	6	9	33	121
16	33	6	7	10	49	122
17	37	7	8	12	3	123
18	41	8	9	14	8	124
19	45	9	10	16	9	125
20	49	10	11	18	10	126
21	53	11	12	19	11	127
22	57	12	13	21	12	128
23	1	13	14	23	13	129
24	5	14	15	25	14	130
25	9	15	16	27	15	131
26	13	16	17	29	16	132
27	17	17	18	31	17	133
28	21	18	19	33	18	134
29	25	19	20	35	19	135
30	29	20	21	37	20	136
31	33	21	22	39	21	137
32	37	22	23	41	22	138
33	41	23	24	43	23	139
34	45	24	25	45	24	140
35	49	25	26	47	25	141
36	53	26	27	49	26	142
37	57	27	28	51	27	143
38	1	28	29	53	28	144
39	5	29	30	55	29	145
40	9	30	31	57	30	146
41	13	31	1	59	31	147
42	17	1	2	61	1	148
43	21	2	3	63	2	149
44	25	3	4	65	3	150
45	29	4	5	67	4	151
46	33	5	6	69	5	152
47	37	6	7	71	6	153
48	41	7	8	73	7	154
49	45	8	9	75	8	155
50	49	9	10	77	9	156
51	53	10	11	79	10	157
52	57	11	12	81	11	158
53	1	12	1	83	12	159
54	5	1	2	85	1	160

Time from Noon.	x	xj	xi	Ascend.	ij	ij
	☾	☿	♈	♈	♈	♈
H. M. G.	G.	G.	G.	M.	G.	G.
22	8	0	3	27	4	45
23	12	1	5	29	5	35
24	16	2	6	30	6	25
25	20	3	7	31	7	15
26	24	4	9	2	8	5
27	27	5	10	4	8	45
28	31	6	12	5	9	35
29	35	7	13	6	10	25
30	39	8	14	7	11	15
31	42	9	16	8	11	5
32	46	10	17	9	12	45
33	50	11	19	10	13	35
34	54	12	20	11	14	25
35	57	13	21	13	14	15
36	1	14	23	14	15	5
37	5	15	24	15	16	45
38	9	16	25	16	17	35
39	13	17	27	17	17	25
40	16	18	29	18	18	15
41	20	19	29	19	19	5
42	23	20	19	19	19	45
43	27	21	20	20	20	35
44	31	22	21	21	21	25
45	34	23	4	21	21	15
46	38	24	5	23	22	5
47	42	25	7	24	23	45
48	45	26	8	25	23	35
49	49	27	9	26	24	25
50	53	28	10	27	25	15
51	56	29	11	28	26	5
52	0	30	13	28	26	45

The Use and Explanation of the Almanack.

1. **I**N the left hand Page, in the first Column to the left hand, are the Days of the Month.

2. In the second Column are the Dominical Letters, with the Days of the Week; distinguished by Figures, accounting the Lord's Day to be the first Day of the Week.

3. In the third Column you have all the Saints Days, that are observed in the Church of England, with the length of the Day.

4. The fourth Column contains the time of Sun Rising, in Hours and Minutes.

And Note, That so many Hours and Minutes as the Sun riseth before or after Six, so many Hours and Minutes it set-
teth before or after Six.

5. The fifth Column hath the Lunar Aspects; those before a full Point are before Noon, those after a full Point are after Noon; so that the Moon's Application to the Planets is as easily distinguished by this, as any whatsoever: And amongst these are our Conjectures of the Weather.

6. The sixth Column hath the Planets Mutual Aspects one to another. And over head is the place of ☿ to every fifth Day of the Month.

7. In the first Column, on the right Hand Page, are the Days of the Month, where this Mark ☉ representeth Sunday.

8. In the second Column are the Roman Month Days, whereby is easily known what Day of their Month answereth to ours; this Mark ☉ also representing their Sunday.

9. The other part is the Places of the Planets, both in Longitude and Latitude, in Degrees and Minutes; which is designed chiefly for Artills, who very well know the use of it. The Letters A and B shewing the Planets Latitude; A standing for *Aust.* or South Latitude; B for *Boreal* or North Latitude.

Note, By a neglect in the correcting of July against the first Page in the Column of ☿ Lat. stands A, which must be B.

A brief

*A brief Chronology of Memorable Things,
for this Year, 1690.*

T HE Creation of the World	5638
Noah's Flood	3983
The Destruction of Sodom and Gomorrah	3592
The Destruction of Troy	2872
The Building of London	2797
The Building of York	2679
The Building of Canterbury	2582
The Building of Rome	2447
England first received the Christian Faith	1510
The Tower of London built	1125
Duke William conquered England	624
Westminster-Hall was built	597
London Bridge was finished with Stone	480
The Invention of Guns	312
The Invention of Printing	250
St. Paul's Steeple fired by Lightning	129
The Gun-powder Treason, Novemb. 5	85
The Irish Massacre of near 300000 Souls	49
The E. of Strafford behead. to please the People	49
Edge-Hill Fight, October 23	48
Newbury Fight, October 18	46
The pious W. Laud Arch B. Cant. behead.	46
King Charles I. was murdered	41
That Tyrant, Oliver Cromwell, dyed	32
King Charles II. happily restored, 1660	30
The great Plague in London	25
The City of London burnt	24
The wonderful Comet in December	10
The Discovery of the Popish Plot	12
The Discovery of the Phanatick Plot	7
The last Great Frost	6
The seven Bishops sent to the Tower	2
The Prince of Orange landed Novem. 5	2

A Table, whereby knowing the Price of the Pound, you may know the Price of the Hundred weight: which the Author hereof presents to the use of all Cutlers: And may serve for several other Trades.

1 Pd. w.			1 Hund. w.			1 Pd. w.			1 Hund. w.			1 Pd. w.			1 Hund. w.		
d.	q.		l.	s.	d.	d.	q.		l.	s.	d.	d.	q.		l.	s.	d.
0	1		0	2	4	8	1		3	17	0	16	1		7	11	8
0	2		0	4	8	8	2		3	19	4	16	2		7	14	0
0	3		0	7	0	8	3		4	1	8	16	3		7	16	4
1	0		0	9	4	9	0		4	4	0	17	0		7	18	8
1	1		0	11	8	9	1		4	6	4	17	1		8	1	0
1	2		0	14	0	9	2		4	8	8	17	2		8	3	4
1	3		0	16	4	9	3		4	11	0	17	3		8	5	8
2	0		0	18	8	10	0		4	13	4	18	0		8	8	0
2	1		1	1	0	10	1		4	15	8	18	1		8	10	4
2	2		1	3	4	10	2		4	18	0	18	2		8	12	8
2	3		1	5	8	10	3		5	0	4	18	3		8	15	0
3	0		1	8	0	11	0		5	2	8	19	0		8	17	4
3	1		1	10	4	11	1		5	5	0	19	1		8	19	8
3	2		1	12	8	11	2		5	7	4	19	2		9	2	0
3	3		1	15	0	11	3		5	9	8	19	3		9	4	4
4	0		1	17	4	12	0		5	12	0	20	0		9	6	8
4	1		1	19	8	12	1		5	14	4	20	1		9	9	0
4	2		2	2	0	12	2		5	16	8	20	2		9	11	4
4	3		2	4	4	12	3		5	19	0	20	3		9	13	8
5	0		2	6	8	13	0		6	1	4	21	0		9	16	0
5	1		2	9	0	13	1		6	3	8	21	1		9	18	4
5	2		2	11	4	13	2		6	6	0	21	2		10	0	8
5	3		2	13	8	13	3		6	8	4	21	3		10	3	0
6	0		2	16	0	14	0		6	10	8	22	0		10	5	4
6	1		2	18	4	14	1		6	13	0	22	1		10	7	8
6	2		3	0	8	14	2		6	15	4	22	2		10	10	0
6	3		3	3	0	14	3		6	17	8	22	3		10	12	4
7	0		3	5	4	15	0		7	0	0	23	0		10	14	8
7	1		3	7	8	15	1		7	2	4	23	1		10	17	0
7	2		3	10	0	15	2		7	4	8	23	2		11	19	4
7	3		3	12	4	15	3		7	7	0	23	3		11	1	8
8	0		3	14	8	16	0		7	9	4	24	0		11	4	0

The Use of the foregoing Table.


This Table is plain and easie to be understood; for it is but knowing the price of 1 Pound of any thing, which look for under the Title of 1 Pound weight, and in the next Column to the right Hand, even with it, is the Price by the Hundred weight.

EXAMPLES.

If 1 Pound cost 10d. what will a Hundred weight cost? The Answer is 4 pounds, 13 shillings and 4 pence.

Or thus, If a Hundred weight of any Commodity cost me 5 pounds, 5 shillings; what is the price of one pound? The Answer is 11 pence farthing.

ADVERTISEMENTS.

 **B** Lank Schemes and Speculums, that were formerly sold by Mr. Hussy in Little Britain, are now sold by the Author hereof, at his House, at the Leopard at Christ-Church-Gate, in Newgate-street, London.

T H E Description and Uses of a most accurate Planisphere, performing, 1. In Astronomy, most Propositions of the Globe; as the Sun's Declination, right and oblique Ascension; and their difference, Amplitude, Altitude, Hour, Azimuth: as also to find all those for any Star or Planet, with or without Latitude. 2. In the Astronomical part of Astrology, readily finding the Cusps of the Houses, Circles of Position, Ark of Direction, and all the other Requisites, as by Argol's *Primum Mobile*. VVith several ways to facilitate that elaborate work of rectifying a Nativity. As also sundry Uses in Arithmetick, Geometry, Dyalling, &c. By R. Baker, *Philos.* Sold by Mr. Lea, Globe-maker, at the Atlas and Hercules in Cheapside, near Friday-street, London, who also selleth all sorts of Globes, Mapps, or any other Mathematical Instruments.

A Table of the Moons Southing, and High Water at *London Bridge*, by Mr. T. S.

		D South.		H. W.	
		to.	Min.	Ho.	Min.
At Change or Full.		0	0	3	0
Days after.	1	0	49	3	45
	2	1	38	4	23
	3	2	26	4	54
	4	3	15	5	24
	5	4	4	5	55
	6	4	53	6	30
	7	5	41	7	12
At the Quarters.		6	0	7	30
Days after.	1	6	49	8	23
	2	7	38	9	23
	3	8	26	10	28
	4	9	15	11	36
	5	10	4	0	43
	6	10	53	1	45
	7	11	41	2	40

This Table is plain and easie; for 'tis but looking in the Almanack for the time you desire to know; and observing when it was New, or Full Moon, or when she was in her Quarters; and count the days between her New, or Full, or Quarters; and with the same number of days enter this Table, and you have both given the time of D Southing, and High Water at *London Bridge*.

EXAMPLE.

To know when it will be High Water at *London Bridge*, Jan. 20. I look in *January*, and find it Full Moon 14. days then count the days after, to the 20th, which are 6, which Number I look for in the Column, under the Change, or Full; and in the Column under H. W. is 6. 30. which is High Water half an Hour after 6. at Night or Morning.

A Scheme of the Ingress of the Sun into the
Equinoctial Sign Aries.



THE Sun, that Glorious Light of the World, according to *Astronomia Carolina*, toucheth the first scruple of the *Aequinoctial Sign Aries*, at that moment of time above-mentioned; making equal Days and Nights to all the Inhabitants of the Earth (except under the *Poles*). Now the Air obtains an equal temperament; whence the Pores of the Earth are relaxed, and a vivifying Fume evaporating, ascendeth by the cold and chillified Roots of Herbs and Plants, and produceth their Vegetable Life. And, according to the Opinion of some of the Antients, hath made his return to that

Astral Observations, 1690.

punctum, in which he was placed at the Worlds Creation: we shall not enter the List of Dispute, at this time, whether it was or not, it being a Matter too nice to be handled: But that it was made, none doubt, and it might as well be this time as another. We have therefore followed the Method of those *metaphysicians*: viz. in setting a Scheme to the said time, and shall proceed to give Judgment thereon, according to the genuine Rules of Art.

But first let us premise that we shall not be positive or absolute in our Predictions, concerning future Accidents, for the Secrets of God are impenetrable, and not to be searched into by any mortal Man. But (with Philosophers and Astrologers) It is lawful and requisite that we make our Conjecture of the Effects of the Stars and Signs that appear in the Heavens, what their Portents may be; and, by long Observation and Experience, there are Rules laid down whereby we may come very near the Truth; though we do not pretend to Infallibility.

In the Year 1682, in October, there happened a Conjunction of Υ and χ , in that Regal Sign *Leo*, which was doubly repeated in January and May following: VVhat Plots and Contrivances were then hatching and carrying on, the following Summer sufficiently detected; and since that more fully made out. A sure Argument, amongst many others, that the Coelestial VVanderers never meet but they influence poor Mortals to some rash undertaking or other, which oftener proves to their Detriment, than otherwise; and wherein the less active perhaps suffer, and the guilty escape Scot free. God keep us this Year, and for ever, in due Obedience to our Superiours; and that we may never contrive their hurt upon supposed Injuries done to us.

But in our Figure of the Ingress, we have that Cardinal and moveable Sign ν on the Ascendant, and Υ Lord thereof, peregrine in *M*, posited in the ninth House, Retrograde: thereby afflicting the Vulgar Man with Fears and Jealousies, discomposing his Rest and Quiet. And as he hath North Latitude, and Oriental, so he signifies, there shall

they may not, they shall be guilty &c.
Is there any Cardinal figure
not moveable?

Astral Observations, 1690.

be Dissensions and Quarrels among great Men; and that there shall be abundance of Rain and Increase of Waters. J in P to \oplus on the Cusp of the fourth, and Q Retrograde, in his detriment and fall, in the second, doth threaten the Commonalty with loss of Substance; But we hope that the presence of V , in the second strong, and in S with Q in her Exaltation, will abate their Malice, they beholding of him with a \triangle Aspect increaseth the good so much the more. The Moon, Lady of the seventh, the Signifier of our publick Enemies, and the Angular and in \triangle to \odot on the Cusp of the third, influences Haughtiness and Pride into them. But J beholding the Ascendant with a $*$ Aspect, and V and Q in S in the second, strong and powerful, and casting their \triangle to J , will furnish our Souldiery with Money sufficient, the Sinews of War, to oppose all those bold Pretenders. S Lord of the ninth in U , in \square to the Cusp of the second and Retrograde, Q therein afflicted as before, seems to threaten our London Merchants with Shipwrack and other Losses, by Pyrates and Robbers. And as S is posited in the fifth, and their applying to the \square of Q , and he Lord of the sixth and eighth Houses, so doth he intimate that many Women with Child shall not go their full time, but bring forth abortive Births; and also several of our Young Men shall make their Exit into another World, thereby making Room for others to succeed them. Thus Fate plays its part, and Man goes, as one hood-wink'd, to the pit of Destruction, not being aware of the many Casualties that do attend him in this Earthly Pilgrimage. And therefore Holy David, that Man after God's own Heart, made it his Prayer and earnest Supplication, that he would let him know the number of his Days, and certifie how long he had to live. Having thus given you an Account of this Ingress, in as brief and few words as was possible. VVe shall, in the next place, proceed to give you an Account of the number of the Eclipses for this Year, which are as followeth.

*why our Souldiery? Dr's & c. signifi-
at is not in it to f. the end of 2*

Astral Observations, 1690.

Of the Eclipses, Anno 1690.

THere will be four Eclipses this Year; twice will the Glorious Body, the Sun, (or rather the Earth) lose its Light; and as often the Moon: whereof none, but the first of the Moon, will be visible to us in England.

The first is an Eclipse of the Sun invisible to us, on the 28th. of February, about Eleven at Night; this Defect falls in 27 degrees of π , and is centrally Eclipsed,

In the Meridian, in Lat. ——— 48° 58', South,
And in Long. from London ——— 155. 41. West,

which falls in South Terra Trogonia, not far from New Zealand.

The second Eclipse is of the Moon, on the 4th. day of March, about 10 at Night; and will be visible to us in England. If Clouds interpolate not. It happened in the eleventh House, the House of Friendship, Venus being Lady thereof, and thereby her Disposer is angular to the fourth, in Opposition to the afflicted Moon; that malevolent Planet Saturn is also in the Ascendant, and Mars, Lord of the Horoscope, is in the eighth House, casting his angry Square to Mercury and Jupiter in the fourth; from all which Positions it may rationally be conjectured, that Strifes, Divisions and Animosities may arise between Persons that formerly have been in great Friendship and Society together; thereby breaking that lovely Knot; and instead thereof to introduce all manner of Decent and Perfidiousness; even to the betraying of what was reposed to them in secret. And this chiefly happens among the Vulgar or common Sort of People. And according to the Position of Saturn and Mars, as aforesaid, so doth it threaten great Melancholy with Sorrow and Dolour, to afflict the Inhabitants of this Earthly Globe, thereby making way for several Distempers, which will end in the grave: and these Persons that have either their M. C. or

Ascend.

Astral Observations, 1690.

Ascend. In 4 or 5 Degrees of *Libra*, will be sufficiently sensible of the Effects of it. But being confined to this small compass, I must desist.

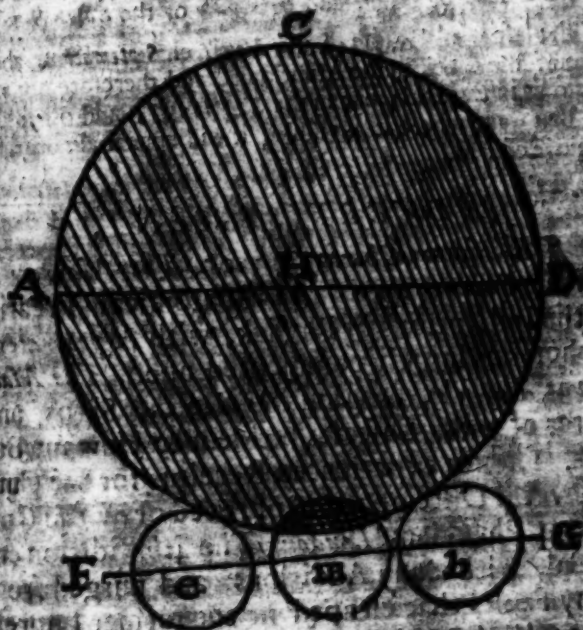
The beginning of this Eclipse is at ——— 8^h 47^m.

The middle thereof at ——— 9 52,

The end ——— 10 57.

The Digits Eclipsed at the middle are — 4^d 10^m.

The Type of the Eclipse March 14. 1690.



In this Figure the great Circle *AED* representeth the Earths Shadow, *B* the Center of it; *AED* the Eclipse; the line *EG* the Path or Orbit of the Moon; the little Circle *a* representeth the Moon at the beginning of the Eclipse;

Astral Observations, 1690.

Eclipse; from whence the *Moon* passeth to *B*, sheweth her place at the middle of the Eclipse; together with the of her Body then darkned by the Earths Shadow; and thence she passeth to *C*, which sheweth her place at the End of the Eclipse, being there cleared of her Shadow.

The third is an Eclipse of the Sun, on *August 24*, at One of the Clock in the morning, and therefore not visible to us in *England*. The Central Eclipse passeth over part of *Tartaria*, *Mongall*, and part of the *Tartarick Ocean*, over the Land of *Jisso*, and over part of the *South Sea*.

The last is an Eclipse of the *Moon*, on *September 8*, at Two of the Clock in the Afternoon, and therefore not visible to us in *England*, but in the *East Indies*, and other places that way, where it is visible, it will appear almost Digitally Eclipsed.

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F J N I S.